

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	136	masaru near taniguchi	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 11:23
S2	2	(masaru near taniguchi) and (multi-level or (multi level) or m-ary or n-ary or quaternary)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 11:24
S3	7	(masaru near taniguchi) and (multi-level or (multi level) or m-ary or n-ary or quaternary or four-level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 11:24
S4	8	(encod\$3 with modulat\$3) and (frequency near shift\$3) with (maximum value)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 11:28
S5	20	(channel near spacing near4 ("6.25" or "6250"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 11:34
S6	7966	375/133,135-136,219,271,281,295,302,316,322.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 12:02

S7	1	S5 and S6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 12:04
S8	7	375/133,135-136,219,271,281,295,302,316,322.ccls. and ((emission near spectrum) same (emission near mask))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 12:05
S9	1	((channel near spacing) and ((emission near spectrum) same (emission near mask)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 12:08
S10	5	((channel near spacing) and ((spectrum) same (emission near mask)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 12:08
S11	56	((emission near spectrum) same (emission near mask))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 12:12
S12	33	((emission near spectrum) same (emission near mask)) and (@pd<"20031106" or @ad<"20031106" or @prad<"20031106" or @rlad<"20031106")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 12:13

S13	35	(encod\$3 with mapp\$3) and ((rrc or (root adj raised adj cos\$3)) near filter\$3) and ((frequency modulat\$3) or fm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 12:52
S14	0	(symbol with (four-level or (four level) or multi-level or (multi level) or multi-value)) and ((frequency shift\$3) with (range (" .822" or "822" or "952")))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 13:58
S15	0	(symbol with (four-level or (four level) or multi-level or (multi level) or multi-value)) and ((frequency shift\$3) with (range near4 (" .822" or "822" or "952")))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 13:58
S16	0	(symbol with (four-level or (four level) or multi-level or (multi level) or multi-value)) and ((frequency shift\$3) with (range near4 khz))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 14:02
S17	0	(symbol with (quaternary or four-level or (four level) or multi-level or (multi level) or multi-value)) and ((frequency shift\$3) with (range near4 khz))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 14:03
S18	0	(symbol with (quaternary or four-level or (four level) or multi-level or (multi level) or multi-value)) and ((frequency shift\$3) with (range near4 khz))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 14:03

S19	0	(symbol with (nary or mary or n-ary or quaternary or four-level or (four level) or multi-level or (multi level) or multi-value)) and ((frequency shift\$3) with (range near4 khz))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 14:04
S20	226	((frequency shift\$3) and (symbol with (nary or mary or n-ary or quaternary or four-level or (four level) or multi-level or (multi level) or multi-value))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 14:05
S21	17	((frequency shift\$3) with (khz or range)) and (symbol with (nary or mary or n-ary or quaternary or four-level or (four level) or multi-level or (multi level) or multi-value))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 14:05
S22	1	10/578,228	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 14:21
S23	238	modulat\$3 and (frequency near shift\$3 with (based or according or correspond \$3) with (magnitude or amplitude))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 14:36
S24	189	modulat\$3 and (frequency near shift\$3 with (based or according or correspond \$3) with (magnitude or amplitude)) and (@pd<"20031106" or @ad<"20031106" or @prad<"20031106" or @rlad<"20031106")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 14:37

S25	168	(transmission near rate) with ((frequency near shift\$3) or (channel near spacing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 18:01
S26	0	(transmission near rate) with ((frequency near shift\$3) or (channel near spacing)) and (spectral near mask)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 18:02
S27	5	(transmission near rate) with ((frequency near shift\$3) or (channel near spacing)) and (symbol near (level or value))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 18:03
S28	207	375/281.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 18:08
S29	196	375/281.ccls. and (@pd<"20031106" or @ad<"20031106" or @prad<"20031106" or @rlad<"20031106")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 18:08
S30	3465	375/271,272,279,281,297,298,300,302,303,308,322,323.ccls. and (@pd<"20031106" or @ad<"20031106" or @prad<"20031106" or @rlad<"20031106")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 18:18

S31	469	(375/271,272,279,281,297,298,300,302,303,308,322,323.cols.) and (@pd<"20031106" or @ad<"20031106" or @prad<"20031106" or @rlad<"20031106") and ((symbol near (level or value)) or quaternary or four-level or (foru level) or multi-level or (multi level))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 18:21
S32	21	S31 and ((half\$3 or halv\$3) near4 ((transmission near rate) or spectrum or channel))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 18:24
S33	469	(375/271,272,279,281,297,298,300,302,303,308,322,323.cols.) and (@pd<"20031106" or @ad<"20031106" or @prad<"20031106" or @rlad<"20031106") and ((symbol near (level or value)) or quaternary or four-level or (foru level) or multi-level or (multi level))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 18:27
S34	23	S33 and ((half\$3 or halv\$3) near4 ((transmission near rate) or spectrum or (frequency near shift\$3) or channel or spacing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 18:27
S35	66	((@pd<"20031106" or @ad<"20031106" or @prad<"20031106" or @rlad<"20031106") and (symbol near3 (nary or n-ary or quaternary or four-level or (four level) or multi-level or (multi level))) and ((half\$3 or divid\$3) near4 ((transmission near rate) or spectrum or (frequency near shift \$3) or channel or spacing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 18:36
S36	9830	((divid\$3 or half\$3 or halv\$4) near4 (channel spac\$3) or (spectrum) or (transmission rate)) and fcc	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 18:52

S37	560	((divid\$3 or half\$3 or halv\$4) near4 ((channel spac\$3) or (spectrum) or (transmission rate))) and fcc	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 18:53
S38	443	((divid\$3 or half\$3 or halv\$4) near4 ((channel spac\$3) or (spectrum) or (transmission rate))) and fcc and (@pd<"20031106" or @ad<"20031106" or @prad<"20031106" or @rlad<"20031106")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 18:54
S39	0	(channel near spac\$3) with ("6.25khz" or 6250hz)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 18:57
S40	27	(channel near spac\$3) with ("6.25" or "6250")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 18:57
S41	2	((base band filter\$3) or (base-band filter\$3)) and ((modulat\$3 near4 frequency near5 (amplitude or magnitude)) with range)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 19:05
S42	10	((((base band) or (base-band) or (root raised cosine) or nyquist) near filter\$3) and ((modulat\$3 near4 frequency near5 (amplitude or magnitude)) with range)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 19:08

S43	4	(((base band) or (base-band) or (root raised cosine) near filter\$3) same (sinc filter\$3)) and (modulat\$3 near4 frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 19:12
S44	11	(((root raised cosine) near filter\$3) same ((sinc or low-pass or (ideal low pass)) filter\$3)) and (modulat\$3 near4 frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 19:16
S45	11	(((root-raised-cosine or (root raised cosine)) near filter\$3) same ((sinc or low-pass or (ideal low pass)) filter\$3)) and (modulat\$3 near4 frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 19:17
S46	16	(((root-raised-cosine or rrc or (root raised cosine)) near filter\$3) same ((sinc or low-pass or (ideal low pass)) filter\$3)) and ((modulat\$3 near4 frequency) or fm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 19:22
S47	38	(((root-raised-cosine or rrc or (root rais\$3 cos\$3)) near filter\$3) same ((sinc or (low pass) or lpf or low-pass or (ideal low pass)) filter\$3)) and ((modulat\$3 near4 frequency) or fm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 19:26
S48	5	(((base band) or (base-band) or (root raised cosine)) near filter\$3) and ((frequency modulation) with range)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 22:26
S49	6	(transmit\$4 with symbol with (nary or mary or n-ary or quaternary or four-level or (four (value or level)) or multi-level or (multi (value or level)) or multi-value)) and (((base band) or (base-band) or (root raised cosine)) near filter\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 22:53



S50	578	((transmit\$4 with symbol with (nary or mary or n-ary or quaternary or four-level or (four (value or level)) or multi-level or (multi (value or level)) or multi-value))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 22:56
S51	100	((transmit\$4 with symbol with (nary or mary or n-ary or quaternary or four-level or (four (value or level)) or multi-level or (multi (value or level)) or multi-value)) and ((frequency modulation) or fm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 22:57
S52	1	((transmit\$4 with symbol with (nary or mary or n-ary or quaternary or four-level or (four (value or level)) or multi-level or (multi (value or level)) or multi-value)) and ((frequency shift\$3) with range with khz)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 23:49
S53	1	((transmit\$4 with (nary or mary or n-ary or quaternary or four-level or (four (value or level)) or multi-level or (multi (value or level)) or multi-value)) and ((frequency shift\$3) with range with khz)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 23:50
S54	198	((frequency near3 shift\$3) with range with (khz or ".822" or ".952" or "822" or "952")) and (transmit\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/21 23:52
S55	163	((frequency near3 shift\$3) with range with (khz or ".822" or ".952" or "822" or "952")) and (transmit\$4) and (@pd<"20031106" or @ad<"20031106" or @prad<"20031106" or @rlad<"20031106")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2009/06/22 00:02

6/ 22/ 2009 9:02:56 AM

H:\ EAST-backup\ 10,578,228.wsp